(19) World Intellectual Property Organization

International Bureau



(43) International Publication Date 7 April 2005 (07.04.2005)

PCT

(10) International Publication Number WO 2005/031345 A2

(51) International Patent Classification7: A61K 39/395, 48/00

G01N 33/50,

(21) International Application Number:

PCT/EP2004/010383

(22) International Filing Date:

16 September 2004 (16.09.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

03021898.6

27 September 2003 (27.09.2003) E

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- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

 without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: DIAGNOSTICS AND THERAPEUTICS FOR DISEASES ASSOCIATED WITH G-PROTEIN COUPLED RECEPTOR ADIPOR2 (ADIPOR2)

(57) Abstract: The invention provides a human AdipoR2 which is associated with the cardiovascular diseases, dermatological diseases, gastroenterological diseases, cancer, hematological diseases, respiratory diseases, inflammation, neurological diseases, urological diseases. The invention also provides assays for the identification of compounds useful in the treatment or prevention of cardiovascular diseases, dermatological diseases, gastroenterological diseases, cancer, hematological diseases, respiratory diseases, inflammation, neurological diseases, urological diseases. The invention also features compounds which bind to and/or activate or inhibit the activity of AdipoR2 as well as pharmaceutical compositions comprising such compounds.

